

Nº 16.

Apr 5<sup>th</sup> 1890.

May 30<sup>th</sup> 1890.

D<sup>r</sup> 3195 ± 3227.

H<sub>y</sub><sup>d</sup> - 2251 ± 2316.

Cop

4440 Sigsbee

~~4609~~ Turns on reel 220

Correction Table No 2 Reel Cor. ~~100~~

Reel	Turns	Cor	Turns	Cor	Turns
0	50	31	1650	120	3200
0	100	33	1700	123	3300
0	150	35	1750	127	3350
1	200	37	1800	131	3400
1	250	39	1850	135	3450
1	300	41	1900	138	3500
2	350	43	1950	141	3550
2	400	45	2000	145	3600
3	450	47	2050	150	3650
3	500	50	2100	154	3700
4	550	53	2150	158	3750
5	600	55	2200	162	3800
5	650	57	2250	167	3850
6	700	60	2300	171	3900
7	750	63	2350	175	3950
8	800	66	2400	179	4000
9	850	68	2450	184	4050
10	900	71	2500	188	4100
11	950	74	2550	193	4150
12	1000	77	2600	197	4200
13	1050	80	2650	202	4250
14	1100	83	2700	206	4300
15	1150	86	2750	211	4350
16	1200	89	2800	216	4400
18	1250	92	28.50	220	4440
19	1300	95	2900		
21	1350	99	29.50		
22	1400	102	3000		
24	1450	106	3050		
25	1500	109	3100		
27	1550	113	3150		
29	1600	116	3200		

Tanner

2 4446	3 34 turns	3 30
3 34	3 3	189
4 10	408 turns	200
		July 5

Turns 16 to 38 and 42 to 72 + 1

34 to 70	+ 2	73 to 94 + 3		
74 to 100	+ 3	95 to 157 + 3		
106 to 142	+ 4	143 to 190	+ 5	158 to 195 + 4
191 to 260	+ 6	196 to 257	+ 5	
261 to 384	+ 7	358 to 408 + 6		

### Abbreviations for Bottom

Abb.	Equivalent	Abb.	Equivalent
C	Clay	fne	fine
co.	Coral	hd	hard
b.	Gravel	lrg	large
Glob.	Globigerina	lky	rocky
M.	Mud	slf	soft
Oz.	Ooze	sm	small
P.	Pebbles	stk	sticky
R.	Rocks	bk	black
S.	Sand	br	brown
Sh	Shells	bu	blue
Sp.	Specks	Choc	chocolate
St	Stones	dk	dark
brk	Broken	rd	red
gy	gray	slate	slate
lt	light	yl	yellow
wh	white	gn	green
crs	coarse		

2 135  
1 98  
4 5  
Wm

1 519  
1 94  
4 5  
J.H. Watson

1 6 0 9  
8 0 8  
3 8 0 9

*JB*  
No. 3195 ~~g~~ <sup>607</sup> Date April 5 1890

Sigsbee Machine 2 Reel.

Turns 232 Cor. + 20 Depth 252 fms

Shot or lead 38 lb.

Bottom gn m

Bottom temperature 43.3°

No. of Thermometer 62369 Cor. - 0.1°

Corrected temperature 43.2°

Air 57 Surface 54 Drift. 56  $\times$  8 0.8'

Trawl or dredge or tangles Large beam

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

*PM*

DOWN.

UP.

*BM*  
DOWN.

UP.

12 02.30 08.40  
03.30 07.53  
04.25 07.15  
04.48 12.07 00

0	12.11.40	11-
100	16.30	07.25
200	20.15	- 04.65
300	24.10 <sup>1</sup> .02	
400	26.30	67.30
500	27.35	54.02
600*	30.45	72.47.10
700		
800		
900		
1000		
1100		
1200		
1300		
1400		
1500		
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1700		
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1900		
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3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1 dog deep sea sole, 1 long fin sole  
 $\frac{1}{2}$  " Rock fish 6 flat fish 3 dog eel  
 pout, 3 umbrella squids, 1 bushel of  
 sea urchins (3 species) 3 spp shrimp  
 1 Rock starfish, Scaly anemones  
 $\frac{1}{2}$  dog Neolothurius

543  
607  
No. 225-1 Key Date April 3, 1890

Digbee Machine. 2 Reel.

Turns 205 Cor. + 19 Depth 224 fms

Shot or lead 38 lbs

Bottom gn m

Bottom temperature 43.1°

No. of Thermometer 62369 Cor. -0.1°

Corrected temperature 43°

Air 56 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.54.05	59.15	0		
55.00	58.30	100		
56.00	57.42	200		
56.01	1.57.40	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1 tag deep sea sole 1 long-fin sole

~~56B~~  
507

No. 2252 Log Date April 5-90

Tanner Machine. Reel.

Turns 115 Cor. + 4 Depth 119 fms

Shot or lead 25 lbs

Bottom 927 m. + RKG

Bottom temperature 45.1°

No. of Thermometer 62369 Cor. - 0.1°

Corrected temperature 45°

Air 56 Surface 54 Drift.

Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2 27.45	32.30	0		
18.40	29.20	100		
28.45	28.50	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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600				
700				
800				
900				
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REMARKS.

No. 2253 Key Date April 5 1890  
 Sagbee Machine. 12 Reel.

Turns 131 Cor. + 1/2 Depth 143 fm

Shot or lead 38 lbs

Bottom 900 M.

Bottom temperature 45°

No. of Thermometer 62369 Cor. - 0.1°

Corrected temperature 45°

Air 53° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.15 45°	19.30	0		
16.45°	18.55°	100		
17.10	1.18.10°	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS.

No. 31766 Date March 6<sup>th</sup> 18

Dredge Machine. Reel.

Turns 182 Cor. + 18 Depth 200

Shot or lead 33

Bottom 900 fms

Bottom temperature

No. of Thermometer 62369 Cor. - 0.1°

Corrected temperature 44.1°

Air Surface 50° Drift. 5°

Trawl or dredge or tangles Encountered

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	01.50	0	4.07.67	5
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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300				
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700				
800				
900				
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REMARKS.

No. 3147 R.V. Date

Machine. — Reel.

Turns 70 Cor. + Depth

Shot or lead

Bottom

Bottom temperature 48.

No. of Thermometer 67364 Cor. - 0.1°

Corrected temperature 48.4°

Air 55. Surface 55. Drift. 15. 5 1/2

Trawl or dredge or tangles large beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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300				
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900				
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REMARKS.

*50*

No. 2252 H. M. Date

Machine. & Reel.

Turns 167 Cor. + 15 Depth

Shot or lead 3

Bottom

Bottom temperature 41

No. of Thermometer 04364 Cor. -0.1

Corrected temperature 44.7

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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200				
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800				
900				
1000				

REMARKS.

No. 507 Ref'd Date Apr 5/90.

Machine. Reel. 2

Turns 130 Cor. + 12 Depth 142

Shot or lead 38 lbs

Bottom 910 m

Bottom temperature 46

No. of Thermometer 62369 Cor. - 0.1°

Corrected temperature 45.9°

Air 54 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8-26-0	82-0	0		
28-0	80-30	100		
29-0	81-30-0	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
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700				
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900				
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REMARKS.

No. 2111 Date 2/11/11

Wigebus Machine. Reel. of 82

Turns 122 Cor. + 11 Depth 133

Shot or lead 38 lbs.

Bottom on all

Bottom temperature 46°

No. of Thermometer 62 369 Cor. -0.1°

Corrected temperature 46°

Air 54 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE. DOWN.	UP.	TURNS.	DREDGE ROPE.	
			DOWN.	UP.
9-11-0	16-0	0		
13-0	9-18-30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

667

No. 1351 Date 11/11/12

Machine. Reel.

Turns 60 Cor. + 2 Depth 62

Shot or lead 251.

Bottom R. &amp; M.

Bottom temperature 48

No. of Thermometer 62 36.9 Cor. - 0.1°

Corrected temperature 47.9°

Air 74 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
67	9	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

50714

No. 225814. Date Apr. 5/90.

Tamm Machine. Reel.

Turns 45 Cor. + 2 Depth 47

Shot or lead 25 "

Bottom Grav. 71

Bottom temperature 49

No. of Thermometer 63 36.9 Cor. - 0.1°

Corrected temperature 48.8°

Air 54 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-22-0	10-23-30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

~~1000~~  
No. 225974 Date Apr. 1900

Turner Machine. Reel.

Turns 42 Cor. + 2 Depth 44

Shot or lead

Bottom 17 m

Bottom temperature 49°

No. of Thermometer 62369 Cor. - 0.1°

Corrected temperature 49°

Air 17 Surface 0° Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-19-0	11-21-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 11 Date Aug 6/13  
Tanner Machine. Reel.

Turns 153 Cor. + ✓ Depth 158

Shot or lead 25

Bottom

Bottom temperature 45.7

No. of Thermometer 62 869 Cor. - 0.1

Corrected temperature 45.6

Air 84 Surface 84 Drift.

Trawl or dredge or tangles

SOUNDING WIRE. DOWN.	UP.	TURNS.	DREDGE ROPE. DOWN.	UP.
12	12-0	0		
8-0	10-0	100		
9-0	12-9-30	113 200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507  
No. 2261 Day Date 6/20/01  
Seasbee Machine. 2 Reel.

Turns 256. Cor. + 24 Depth 274 fms

Shot or lead 38 lb.

Bottom 91.4 fms

Bottom temperature 42.4°

No. of Thermometer 62369 Cor. - 0.1

Corrected temperature 42.3°

Air 54 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
38.30	49.58	0		
40.30	48.48	100		
42.00	47.20	200		
		200		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 212 Key Date Aug. 16, 1901  
Jebec Machine. 82 Reel.

Turns 285 Cor. + 27 Depth 112 fms.  
Shot or lead 38 lbs.

Bottom 9m. 112

Bottom temperature

No. of Thermometer 62369 Cor. - 0.1

Corrected temperature 41.9

Air 54 Surface 55 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1250	1450	0		
3600	3700	100		
4100	4200	200		
4600	4700	300		
5100	5200	400		
5600	5700	500		
6100	6200	600		
6600	6700	700		
7100	7200	800		
7600	7700	900		
8100	8200	1000		
8600	8700	1100		
9100	9200	1200		
9600	9700	1300		
10100	10200	1400		
10600	10700	1500		
11100	11200	1600		
11600	11700	1700		
12100	12200	1800		
12600	12700	1900		
13100	13200	2000		
13600	13700	2100		
14100	14200	2200		
14600	14700	2300		
15100	15200	2400		

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#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
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800				
900				
1000				

REMARKS.

No. 2213 Date 6/26 1880

Stargazer Machine. 2 Reel.

Turns 1200 Cor. 100 Depth 100 fms

Shot or lead 38 lbs.

Bottom grl. 100

Bottom temperature 42.3°

No. of Thermometer 62369 Cor. -0.

Corrected temperature 42.2°

Air 54 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
17.45	24.05	0		
18.45	23.03	100		
19.45	21.00	200		
20.15	20.45	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
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		1900		
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3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

8. D.

507

No. 2261-264 Date April 6, 1890

Tanner Machine. — Reel.

Turns 135 Cor. + 4 Depth 139 fms

Shot or lead 25 lbs

Bottom 1

Bottom temperature 46.4°

No. of Thermometer 62069 Cor. - 0.

Corrected temperature 46.4°

Air 54 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2 45.30	48.12	0		
46.25	47.40	100		
46.40	46.50	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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		2000		
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		2200		
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3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

597  
No. 2265 Date April 15.  
Tanner Machine. Reel.

Turns 65 Cor. 1 2 Depth 67

Shot or lead 25 lbs

Bottom 91.72

Bottom temperature 48.1°

No. of Thermometer 623 Cor. 1

Corrected temperature 48.0°

Air 53 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
01.40	04.20	0		
12.45	3	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2266 Date 1866  
Machine. Reel.

Turns 37 Cor. + 2 Depth 53 fms.

Shot or lead 25 lbs.

Bottom 68 fms.

Bottom temperature 48.3

No. of Thermometer 6236 Cor.

Corrected temperature 48.7

Air 52 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS:	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.21.00		0		
21.25		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*R.C.S.*  
No. 22676 Date

Dredge Machine 2. Reel.

Turns 160 Cor. + 14 Depth

Shot or lead 38

Bottom on. H

Bottom temperature 46.1°

No. of Thermometer 62369 Cor. -

Corrected temperature 46°

Air 53 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine. 12 Reel.

Turns Cor. + 24 Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor. -

Corrected temperature 42.1°

Air 52 Surface 53 Drift. 1

Trawl or dredge or tangles large beam &amp; mud bag

SOUNDING WIRE.		TURNS:	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

### REMARKS.

1. Numerous small  
low large shells.  
2. Shallow.

No.

907 Date 2/1/6

Machine. Reel. 2

Turns 214 Cor. + 19 Depth 235

Shot or lead 381

Bottom grn. cc.

Bottom temperature 44°

No. of Thermometer 62369 Cor. -0.

Corrected temperature 43.9°

Air 16° Surface 52° Drift,  $1\frac{1}{2}$  m

Trawl or dredge or tangles large B

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

8-10

14-0

0

20-30

100

6-20

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

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1700

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3800
3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

2. Sebastian  
 5 Bkt 6rd  
 6 Dark 8 min  
 8 1/2 in 10 sec  
 test of calibr. same as  
 proceeding

607  
No. 3300 17. Date 11/11/11

Wheeler Machine. Reel. 2

Turns 542 Cor. + 23 Depth 265

Shot or lead

Bottom 4 m. off

Bottom temperature 43.8°

No. of Thermometer 62 369 Cor. - 0.1°

Corrected temperature 43.7°

Air 56° Surface 52° Drift.

Trawl or dredge or tangles Found 100 m.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
150	380	0	11-240	
700	700	100	21	
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 12614 Date

Machine. Reel.

Turns 33 Cor. + Depth

Shot or lead 38 lbs.

Bottom

Bottom temperature 43

No. of Thermometer Cor. - 0.1

Corrected temperature 42.1

Air 6.5 Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		550		
		600		
		700		
		800		
		900		
		1000		
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3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS. / /

( )

407  
No. 2268 Date April 11 1890

Janner Machine. Reel.

Turns 280 Cor. + 5° Depth 7 fms

Shot or lead 25

Bottom 9 in N + R

Bottom temperature 41.7°

No. of Thermometer 62364 Cor. + 0.1°

Corrected temperature 41.8°

Air 6.1 Surface 5.1 Drift.

Trawl or dredge or tangles

SOUNDING WIRE. A. M.	TURNS.		DREDGE ROPE.	
	DOWN.	UP.	DOWN.	UP.
7. 55. 12		0		
56. 03	-03.20	100		
57 45	8.00.40	200		
58. 40	7. 58.41	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2269 Reg'd Date

Machine. Reel.

Turns Cor. + 6 Depth

Shot or lead

Bottom ~~W~~

Bottom temperature

No. of Thermometer Cor.

Corrected temperature 45°

Air 61 Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
46.00	8:46.30	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 100 / 3 1900 - Date

Machine. - Reel.

Turns 273 Cor. + 5 Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 62 36° Cor. -0.

Corrected temperature 4°

Air 63° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2271 Date

Machine. Reel.

Turns 050 Cor. + ( Depth 3

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor. + 0.1

Corrected temperature 45.1°

Air Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2272 Hyd. Date 4

Machine. — Reel.

Turns 114 Cor. + 4 Depth

Shot or lead

Bottom 0.7

Bottom temperature 44

No. of Thermometer 61064 Cor. - 0.1

Corrected temperature 44.7

Air 61° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 15 May Date

Machine. — Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 62 26° Cor. - 6

Corrected temperature 46.7°

Air 61° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1111 Date 7/1/10  
 Danner Machine. — Reel.

Turns 35 Cor. + 1 Depth 36

Shot or lead 25 lbs

Bottom Key.

Bottom temperature 49.4

No. of Thermometer 62 369. Cor. -0.1

Corrected temperature 49.3°

Air 60 Surface 0.4 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2210 Date April 11<sup>th</sup> 18

Sigsbee Machine\* 2 Reel.

Turns 808 Cor. + 73 Depth 881 fms

Shot or lead 38 lbs

Bottom

Bottom temperature 38°

No. of Thermometer 62369 Cor. + 0.1°

Corrected temperature 38.1°

Air 53 Surface 33 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
29.40	47.10	0		
30.07	35	100		
32.15	41.10	200		
32.53	41.12	300		
33	41.13	400		
34.10	41.15	500		
35.17	42.12	600		
		700		
		800		
	75	900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2276 Key Date Apr 11 1890

Sister Machine. No 2 Reel.

Turns 4 Cor. 1.15 Depth 179 fms

Shot or lead 98 lbs

Bottom 9 m. N.

Bottom temperature 39.2°

No. of Thermometer 62 36.9 Cor. +0.1°

Corrected temperature 34.8

Air 54 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
26 35	38.00	0		
27 15	37.15	100		
27 1	36.65	200		
27 41	37.17	300		
30.45	33.85	400		
31.32	31.45	475		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1500		
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		2200		
		2300		
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3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 10257 Date 27 Nov 11/90

Dividers Machine. Reel. 2 1

Turns 350 Cor. + 32 Depth 382

Shot or lead 88 lbs.

Bottom 61 m

Bottom temperature 41

No. of Thermometer 102369 Cor. + 0.1

Corrected temperature 41.1°

Air 57 Surface 52 Drift. N E - 0.5

Trawl or dredge or tangles Large 10 cm

SOUNDING WIRE.		TURNS.	P. C. DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600	40.15	1.01.01
		700	43.35	2.59.00
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
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3100
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3500
3600
3700
3800
3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2277 ~~17~~ ~~17~~ Date

Machine. — Reel.

Turns 65 Cor. + / Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 62 36.9 Cor.

Corrected temperature 47.7°

Air 58 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
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3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TRMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 5405 Date

Machine. Reel.

Turns 135 Cor. + 3 Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 62.36° Cor. - 0.1

Corrected temperature 44.7°

Air 55° Surface 54° Drift.

Trawl or dredge or tangles N 7 W 0.2

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		3
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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3600
3700
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3900
4000

WV

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800		VJ		
900				
1000				

REMARKS.

✓ - - - - -

*RP* *JEB*

No. 1106 Date 1915-16

Logbook Machine Reel 2

Turbs 185 Cor. + 17 Depth 202

Shot or lead 38

Bottom 68. S.

Bottom temperature 44.2

No. of Thermometer 62369 Cor. -0.1

Corrected temperature 44.1°

Air Surface Drift.

Trawl or dredge or tangles 1100 1.5

SOUNDING_WIRE.		TURNS.	DREDGE_ROPE.	
DOWN.	UP.		DOWN.	UP.
7-30-0	7-30-0	0	7-30-0	116.0
23-0	26-0	100	26-0	
27-0	27-0	200	40-0	
		300	45-3	
		400		116.0
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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		1600		
		1700		
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		2000		
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3400
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3600
3700
3800
3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

30 long line of islands  
at large. At the end of  
the line a small  
island. 3 species  
of fish with specimens. 1. *Sabas*  
2. *Sciaenidae* 3. *Caranx*

3513  
No. 3205 - D.V. Date Aka

Lisbee Machine. 2 Reel.

Turns 220 Cor. + 20 Depth

Shot or lead 38 lbs

Bottom K. S + R.

Bottom temperature 43.6

No. of Thermometer 62365 Cor.

Corrected temperature 43.7

Air 50 Surface 57 Drift. 5

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
50	320	0		
30	20	100		
50	10	200		
70	0	300		
90		400		
110		500		
130		600		
150		700		
170		800		
190		900		
210		1000		
230		1100		
250		1200		
270		1300		
290		1400		
310		1500		
330		1600		
350		1700		
370		1800		
390		1900		
410		2000		
430		2100		
450		2200		
470		2300		
490		2400		

2500
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3100
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3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	came up	soak up		
50	60°	60°		
100	came up	60°		
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

300 fathoms, 100° C.  
1000 fathoms, 100° C.  
2000 fathoms, 100° C.  
3000 fathoms, 100° C.

No. 32065 Date April 2 1901

Astbee Machine. Reel.

Turns 185 Cor. + 14 Depth 64 fms

Shot or lead 38 lb

Bottom

Bottom temperature not known

No. of Thermometer 2069 Cor.

Corrected temperature

Air 58° Surface 51° Drift. N.W. 8°

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE	
DOWN.	UP.		DOWN.	UP.
		0	31.5	11
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	10.0	1	0.0	10.0
50	10.0	1	0.0	10.0
100	10.0	1	0.0	10.0
200	10.0	1	0.0	10.0
300	...	1	0.0	10.0
400	...	1	0.0	10.0
500	...	1	0.0	10.0
600	...	1	0.0	10.0
700	...	1	0.0	10.0
800	...	1	0.0	10.0
900	...	1	0.0	10.0
1000	...	1	0.0	10.0

REMARKS.

597  
No. 32074 JF Date 11

At 1200 Machine. " & Reel.

Turns 98 Cor. + 10 Depth 108 m

Shot or lead 35 ft

Bottom 4

Bottom temperature

No. of Thermometer 62484 Cor. - 0.1

Corrected temperature 45.8

Air 48" Surface 50" Drift N. N. E.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date 11.

Sounding Machine. Reel.

Turns 185 Cor. + Depth

Shot or lead

Bottom 1

Bottom temperature

No. of Thermometer Cor.

Corrected temperature 44 3

Air Surface Drift. NW 11

Trawl or dredge or angles

SOUNDING WIRE.		TURNS.	DREDGE, ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	CORR.	CORR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				
10				

### REMARKS.

1. 300 fathoms. 2. 600 fathoms.  
 3. 1000 fathoms. 4. 15 fathoms.  
 5. 20 fathoms. 6. 25 fathoms.  
 7. 30 fathoms. 8. 35 fathoms.  
 9. 40 fathoms.

No. 3575 Date 11-11-1911

Turns 125 Cor. + 16. Depth 141

Shot or lead 35 lbs

Bottom *Top all*

Bottom temperature 45°

No. of Thermometer 62489, Cor. -0.2

Corrected temperature 45.4°

Air  $\text{SO}_2$  Surface Drift.

### Trawl or dredge or tangles

SOUNDING WIRE.		TURNS	DREDGE ROPE.	
P. C.W.	DOWN.		P. C.W.	UP.
8-37-00	42-00	0	5-46-0	31-0
39-00	5-40-00	100		
		200	4-70	16-0
		300	54-30	6-13-0
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

the rock fish (2 sp.)  
flying fish (1 sp.) found between  
2 and 8 m. depth  
a few of the smaller fishes  
seen below

✓

No. 3210 N Date May 21 1899

Machine. 2 Recl.

Turns 42 Cor. + 41 Depth 483

Shot or lead

Bottom

Bottom temperature <sup>in</sup>

No. of Thermometer 62849 Cor. - 0

Corrected temperature 35.5

Air 42 Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.30	56.30	100	9.04445	1.8030
		200		
50	32.30	300		
45.50	27.50	400		
11.31	11.30	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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3100
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3500
3600
3700
3800
3900
4000

SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature 3°

No. of Thermometer 6 Cor. 0

Corrected temperature 38.°7

Air Surface Drift. 3.5 m.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN. UP.

## TURNS.

## DREDGE ROPE.

DOWN. UP.

0	45-30
100	48-0
200	40-30
300	37-30
400	34-15
500	30-30
600	12-27-30
700	
800	
900	
1000	
1100	
1200	
1300	
1400	
1500	
1600	
1700	
1800	
1900	
2000	
2100	
2200	
2300	
2400	

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

### REMARKS.

few Shrimps  
 3 fishes  
 1 14 or 15 cm.  
 1 Purple  
 1 Squid

No. 1247 Date 11/11/92  
 Machine. Reel. 2  
 Turns 248 Cor. + 23 Depth 271  
 Shot or lead 35  
 Bottom ~~M. 943.4. P. 11~~  
 Bottom temperature 39°  
 No. of Thermometer 62849 Cor. -  
 Corrected temperature 39°  
 Air 44 Surface 44 Drift. 11  
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS:	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-35-0	43-0	0		
37-0	27-0	100		
	17-0	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3500
3600
3700
3800
3900
4000

SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507  
No. 3212 Date May 3

Windlass Machine. Reel. 2

Turns 47 Cor. 1 of Depth 49

Shot or lead 35 lb

Bottom 94.5 sec sp

Bottom temperature 38°

No. of Thermometer 1 Cor. -

Corrected temperature 38°

Air 30 Surface 16.5 Drift. 1/2 m. r.m.

Trawl or dredge or tangles Large

SOUNDING WIRE. DOWN.	UP.	TURNS.	DREDGE ROPE.	
			DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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	2900
	3000
	3100
	3200
	3300
	3400
	3500
	3600
	3700
	3800
	3900
	4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TRMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000	13 species Sponges			

REMARKS.

Several Sponges were found  
in the 3000 fms. depth.  
Chromis Batymaster seen.

No. 3218 Date May 21 190

Machine. Reel.

Turns 40 Cor. + 1 Depth 41

Shot or lead 25 lbs

Bottom 60 S.

Bottom temperature 50° Cor. 0°

No. of Thermometer — Cor. —

Corrected temperature —

Air 39 Surface 40 Drift. 1/4

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS:

10 DOWN. 3-21-0

UP.

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DOWN DREDGE ROPE.

DOWN. UP.

3-415-0

49.0

5.1

1000 ft. 100 fms. 1000 fms.

1000

1000

324  
325

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

#### SERIAL TEMPERATURE:

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

$\frac{1}{2}$  hour Shrimp  
 Lot sand Dollars Shell  
 Ophiuridæ - Thorntail Crabs  
 Star fish Polygona Worms  
 Sponges Octopuses

No. 72214 Date 1/21

1911. Machine. Reels

Turns 37. Cor. + Depth

Shot or lead

Bottom 94.5 + 8

Bottom temperature 54.4

No. of Thermometer Cor. —

Corrected temperature —

Air 13.4 Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		1200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3215721 Date

Machine. — Reel.

Turns 22 Cor. + / Depth 14 fms

Shot or lead 25

Bottom

Bottom temperature

No. of Thermometer 62844 Cor. —

Corrected temperature 38.5

Air 30 Surface 13 Drift, 1/4 N. by E.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
0	0	0	0	0
100	100	100	100	100
200	200	200	200	200
300	300	300	300	300
400	400	400	400	400
500	500	500	500	500
600	600	600	600	600
700	700	700	700	700
800	800	800	800	800
900	900	900	900	900
1000	1000	1000	1000	1000
1100	1100	1100	1100	1100
1200	1200	1200	1200	1200
1300	1300	1300	1300	1300
1400	1400	1400	1400	1400
1500	1500	1500	1500	1500
1600	1600	1600	1600	1600
1700	1700	1700	1700	1700
1800	1800	1800	1800	1800
1900	1900	1900	1900	1900
2000	2000	2000	2000	2000
2100	2100	2100	2100	2100
2200	2200	2200	2200	2200
2300	2300	2300	2300	2300
2400	2400	2400	2400	2400

2500
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3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507

No. 3916 Date May 18th

Towed Machine. Reel.

Turns 60 Cor. + 1 Depth 61

Shot or lead 25 lbs.

Bottom 6K S + NW

Bottom temperature None taken

No. of Thermometer — Cor. —

Corrected temperature —

Air 35 Surface 42 Drift. 11.14

Trawl or dredge or tangles Large

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-6-0	9-8-0	0	9-8-0	49-
		100	12-0	
		200	12-0	
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

20

11

No. 32776 Date

Tanner Machine. Reel.

Turns 41 Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor. +

Corrected temperature —

Air 54 Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3900
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### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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200				
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700				
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900				
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### REMARKS.

Basket fish, Shiny, blackish  
& small.

No.	Date		
	Machine.	Reel.	
Turns	Cor.	Depth	
<u>Shot or lead</u>			
Bottom	48.8.		
Bottom temperature			
No. of Thermometer		Cor. —	
Corrected temperature	37.7		
Air	Surface	Drift.	
<u>Trawl or dredge or tangles</u>			
SOUNDING WIRE.		DREDGE ROPE.	
DOWN.	UP.	TURNs.	DOWN.
		0	
		100	
		200	
		300	
		400	
		500	
		600	
		700	
		800	
		900	
		1000	
		1100	
		1200	
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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200				
300				
400				
500				
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700				
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1000				

REMARKS.

No. 511111 Date 1600 22

Machine. Reel.

Turns 58 Cor. + 1 Depth 59

Shot or lead

Bottom Ah. 8 &amp; 8.

Bottom temperature 38°

No. of Thermometer 62849 Cor. -

Corrected temperature 38°

Air 39 Surface 42 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.		
DOWN.	UP.		✓	DOWN.	UP.
		0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
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3700
3800
3900
4000

SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
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REMARKS.

No. 221 Date 11/11/11

new Machine. — Reel.

Turns 41 Cor. + 1 Depth 42

Shot or lead 25 lbs.

Bottom R + 4th Sh.

Bottom temperature 38.5

No. of Thermometer 628119 Cor. —

Corrected temperature 38.5

Air 41 Surface 42 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-0-0	9-20-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 372 Date

Cylinders Machine. Reel.

Turns 33 Cor. + 1 Depth 84

Shot or lead 25 lbs.

Bottom G. York Sh.

Bottom temperature 19.6 Fahr

No. of Thermometer — Cor. —

Corrected temperature —

Air 41 Surface 42 Drift.  $\frac{8}{10}$  N. S. W.

Trawl or dredge or tangles 14 min. 16 sec.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
W	DOWN.		UP.	
11	-09-0	11-10-0	0	11-10-0
			100	16-0 11-33-30
			200	
			300	
			400	
			500	
			600	
			700	
			800	
			900	
			1000	
			1100	
			1200	
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SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 221 Date

1116 L Machine. Reel.

Turns 65 Cor. + 1 Depth 66

Sheet or lead

Bottom

Bottom temperature 39.1

No. of Thermometer 62 + 4.1 Cor. -

Corrected temperature 39.1

Air 40 Surface 42 Drift. 2.2 N. 22

Trawl or dredge or tangles

P. 71 SOUNDING WIRE.	TURNS.		P. 71 DREDGE ROPE.	UP.
	DOWN.	UP.		
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3222

Date

Machine. Reel.

Turns 400 Cor. + / Depth 50

Shot or lead

Bottom

Bottom temperature 39.7

No. of Thermometer 62849 Cor. -

Corrected temperature 39.7

Air 40 Surface 40 Drift.  $1\frac{1}{2}$  N. S. W. N. W.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

11/26/1873

C. S. &amp; G. S. 1873

Large Scomb.

PP  
597  
No. 3223 Date 3/30

anner Machine. Reel.  
 Turns 55 Cor. + 1 Depth 56  
Shot or lead 2.5 lbs  
 Bottom 65 P.  
 Bottom temperature 39  
 No. of Thermometer 62849 Cor. -  
 Corrected temperature 39°  
 Air 40 Surface 42 Drift. 1m SW to  
 Trawl or dredge or tangles 12. 1/4 m

SOUNDING WIRE.		TURNS.	1000 DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4. 35-40	4-38-0	0	4-42-0	
		100		
		150		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000	16.0	16.0	16.0	16.0

REMARKS.

Changes: 1. Canal Shale  
 Hydromete. Atheroscler.  
 H. C. Shells. Marginal for.  
 Crabs. small. Scorpion.

<del>5078</del>		No. 9182		Date 11/11/1913	
Tanner		Machine.		Reel.	
Turns 174	Cor. + 4	4	Depth	178	
Shot or lead	25 lbs				
Bottom	4K S.				
Bottom temperature	38°				
No. of Thermometer	62849	Cor. —			
Corrected temperature	38.05				
Air	39	Surface 43	Drift.		
Trawl or dredge or tangles					
P.W.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
6-17-10	220	0			
18-0	20-30	100			
19-0	6-19-30	200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
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3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TRMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 507 Date 11. 1. 1910  
 Machine. Reel.  
 Turns Cor. 11 Depth 12.1  
 Shot or lead 35 lbs  
 Bottom 5 fms.  
 Bottom temperature 38.7  
 No. of Thermometer 60902 Cor. —  
 Corrected temperature 38.7  
 Air Surface Drift. W. 27°  
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS:	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7-30-0	34-0	0	7-36-30	18.45
31-0	7-32-30	100	41-30	14.30
		200	45-30	11.00
		300	49-30	8.08.30
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25.				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

### REMARKS.

1st set bottom, went up  
2nd. Ambipoda, Star fish,  
3rd. small fish. Red bottom.  
1st set. Alligator Fish.  
2nd set.

No. 3225 L Date May 22

Tanner Machine.—Reel.

Turns 83 Cor. + 2 Depth 85 fms.

Shot or lead 25 lbs

Bottom th. S. ~~12~~Bottom temperature  $38.6^{\circ}$ 

No. of Thermometer 63 Cor. —

Corrected temperature  $38.6^{\circ}$ Air  $3^{\circ}$  Surface  $41^{\circ}$  Drift. 17.77.  $1/4$  N.

Trawl or dredge or bangles Long Fins.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
23.05	25.15	0	9.28.00	11.30
53.45	52.30	100	33.30	08.07
		200	39.20	04.57
		300	42.35	10.02.15
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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#### SERIAL-TEMPERATURE

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

### REMARKS

11. 23. 3.

No. 2281 H. J. Date 11/23/1890.

Tanner Machine. Reel.

Turns 78 Cor. 2 Depth 80 fms.

Shot or lead 25 lbs.

Bottom 71 m.

Bottom temperature 38.2°

No. of Thermometer 63902 Cor. —

Corrected temperature 38.2°

Air 38 Surface 42 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.23.3	46.33	0		
11.44.25	11.44.25	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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#### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2283 Date 1 Oct 1896

Wind Machine. Reel.

Turns 79 Cor. 1 2 Depth 8 fms

Shot or lead 25 lbs

Bottom — —

Bottom temperature 56.4°

No. of Thermometer — Cor. —

Corrected temperature —

Air 39 Surface 43 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1220	1320	79		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

### REMARKS.

Very good, but  
not quite 1°.

2507

No. 3155 Date Nov 20, 1900

Tanner Machine. — Reel

Turns 78 Cor. + 2 Depth 80 fms

Shot or lead 25 lbs

Bottom M

Bottom temperature 38.4°

No. of Thermometer 63902 Cor. —

Corrected temperature 38.4°

Air 38 Surface 41 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
03.20	06.10	0		
03.35	3.04.55	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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3900
4000

#### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 86 Date 6/1/1903  
 Machine. Reel.  
 Turns 86 Cor. + 2 Depth 88  
 Shot or lead 25 lbs  
 Bottom Sh.  
 Bottom temperature none taken  
 No. of Thermometer 63.902 Cor. —  
 Corrected temperature —  
 Air 36 Surface 41 Drift.  
 Trawl or dredge or tangles —

SOUNDING WIRE.		URNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-17-0	5-18-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 114 Date

Chamber Machine Reel. 6

Turns 114 Cor. + 3

Depth 117

Shot or lead 15 lbs

Bottom S. Sh.

Bottom temperature 38

No. of Thermometer 63902 Cor. -

Corrected temperature 38 "

Air 56 Surface 41 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
W	DOWN.		UP.	DOWN.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
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REMARKS.

No. 3226 Date

Machine. Reel.

Turns 125 Cor. + 3 Depth 15

Shot or lead 25 lbs.

Bottom 2 m. S. Sh.

Bottom temperature 58.4

No. of Thermometer 63902 Cor. —

Corrected temperature 38.05

Air 37 Surface 42 Drift.  $\frac{3}{4}$  miles N by E

Trawl or dredge or bangs 2 m.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		10.00
		100		
		200		
		300		8.06.15
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

### REMARKS.

Seabed slope. Max. depth  
100 fms. 100 fms. depth.  
Small southward. Station  
191. R. 30 fms.

No. 2286 Date 11 Oct 23 '11.

Sig. 1 Machine. 2 Reel.

Turns 16 Cor. 16 Depth 186 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature 38.6

No. of Thermometer 63902 Cor. -

Corrected temperature 38.6

Air 38 Surface 43 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.63.15	08.00	0		
04.15	07.10	100		
05.00	10.06.30	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

607  
No. 227 Date May 23<sup>rd</sup> 1881  
G. B. Machine. 17 Reel.

Turns 205 Cor. 1 20 Depth 225 fms.

Shot or lead 35 lbs.

Bottom gn. NL.

Bottom temperature 38.6

No. of Thermometer 1 34 Cor. -

Corrected temperature 38.6

Air 37 Surface 42 Drift.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		URNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
55.10	01.35	0	15.01	5
56.05	12.00.40	100	04.45	
57.15	-	200		
58.08	11.35	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Met. 1000 fms. A. 1000 fms. 1000 fms.  
Wans. 1000 fms. 1000 fms. 1000 fms.  
Wells, P. 1000 fms. 1000 fms. 1000 fms.  
Q. 1000 fms. 1000 fms. 1000 fms.

No. 2227 Date

Machine. Reel.

Turns 293 Cor. + 10 Depth 320

Shot or lead

Bottom

Bottom temperature 51.

No. of Thermometer 6.3902 Cor. -

Corrected temperature 38.02

Air 38 Surface 43 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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		2200		
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3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2288 Date

Classified Machine. Reel. 2

Turns 520 Cor. + 5 Depth 1593

Shot or lead. 35 lbs.

Bottom 9m.

Bottom temperature 37

No. of Thermometer 63902 Cor. -

Corrected temperature 37°

Air 38° Surface 42° Drift.

Trawl or dredge or tangles

L.ED	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
			0		
			100		
			200		
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

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2600
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2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL-TEMPERATURE:

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*H.C. Jr.*  
No. 2299 H. 1 Date 11/21/21  
Canner Machine. — Reel 6  
Turns 96 Cor. + 3 Depth 99 fms.  
Shot or lead 28 lbs.

Bottom bk. S.

Bottom temperature did not capsize

No. of Thermometer 63902 Cor. —

Corrected temperature —

Air 42 Surface 44 Drift.

Trawl or dredge or tangles

J.V.L.	SOUNDING WIRE.		TURNS:	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
	13.0	28.40	0		
	6.57	11.27.00	100		
			200		
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

2500
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2900
3000 <sup>1</sup>
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 227000 Date

Machine. — Reel.

Turns 111 Cor. + 1 Depth 47

Shot or lead 95 lbs

Bottom

Bottom temperature 38

No. of Thermometer 63902 Cor. —

Corrected temperature 38°

Air 42 Surface 43 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1400		
		1500		
		1600		
		1700		
		1800		
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		2100		
		2200		
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3800
3900
4000

SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 21176 Date

Machine. Reel.

Turns 1150 Cor. + 1 Depth 45

Shot or lead

Bottom 1150 gy

Bottom temperature 55

No. of Thermometer 65 Cor. -

Corrected temperature 39°

Air 1150 Surface 1150 Drift.

Trawl or dredge or tangles

SOUNDING WIRE. DOWN. 1150 UP.	TURNS.	DREDGE ROPE.	
		DOWN.	UP.
	0		
	100		
	200		
	300		
	400		
	500		
	600		
	700		
	800		
	900		
	1000		
	1100		
	1200		
	1300		
	1400		
	1500		
	1600		
	1700		
	1800		
	1900		
	2000		
	2100		
	2200		
	2300		
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3400
3500
3600
3700
3800
3900
4000

SERIAL-TEMPERATURE:

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2292 Key Date

Machine. Reel.

Turns 31 Cor. + / Depth 32

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 63432 Cor. / —

Corrected temperature —

Air 42 Surface 43 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1800		
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3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date 1/16

Machine. Reel.

Turns 23 Cor. + 1 Depth 24 fms.

Shot or lead 26.5

Bottom 6k

Bottom temperature 26

No. of Thermometer — Cor. —

Corrected temperature

Air 11.5 Surface 11.2 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.00	11.35	0		
11.20	11.22	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
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		2300		
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3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2144 Date

Machine. Reel.  
Turns 200 Cor. + / Depth 30

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 63402 Cor. —

Corrected temperature —

Air 41 Surface 42 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1400		
		1500		
		1600		
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		2000		
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3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 22 ( ) Date

Machine. Reel.

Turns 27 Cor. + / Depth 28

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 63902 Cor. —

Corrected temperature —

Air 41 Surface 112 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine. Reel.

Turns 73 Cor. + 1 Depth 34

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 3 1/2 Cor. —

Corrected temperature 40.°

Air Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNs.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
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3400
3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3297. By Date May 28

Machine.

Reel.

Turns 3 Cor. + 1 Depth

Shot or lead 28 lbs.

Bottom JK P.

Bottom temperature 41°

No. of Thermometer 63° Cor. -

Corrected temperature 41°

Air 41 Surface 42 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	4-11	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
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3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 4270 Date

Tanner Machine. — Reel. (

Turns 18 Cor. + Depth 18 fm

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 63902 Cor. —

Corrected temperature 41.5°

Air 40 Surface 44 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1900		
		2000		
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		2200		
		2300		
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3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2299 Hyd. Date 1120/29/11

Tanner Machine. — Reel.

Turns 16 Cor. + — Depth 16 f

Shot or lead 28 lbs. ||

Bottom

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature

Air 45 Surface 44 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
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3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE:

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2501 Date

Machine. Recl.

Turns 12 Cor. + - Depth 12

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 63.70 Cor. -

Corrected temperature 39.3

Air 44 Surface 44 Drift.

Trawl or dredge or tangles

SOUNDING WIRE		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
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3700
3800
3900
4000

### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2301 ~~date~~ Date

Machine. — Reel.

Turns  $\square$  Cor. + — Depth 15

Shot or lead

Bottom

Bottom temperature 41

No. of Thermometer 3000 Cor. —

Corrected temperature 41°

Air 44 Surface 44 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
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3100
3200
3300
3400
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3600
3700
3800
3900
4000

### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507 52

No. 230 + Date

Machine. Reel.

Turns No. Cor. + - Depth 16

Shot or lead 28 lbs.

Bottom

Bottom temperature 41°

No. of Thermometer 63.5 Cor. -

Corrected temperature 41°

Air 44 Surface 44 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
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3600
3700
3800
3900
4000

### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 250 S. 100 Date

Sounding Machine. Reel.

Turns 11 Cor. + Depth 11

Shot or lead

Bottom

Bottom temperature 41°

No. of Thermometer 6500 Cor. —

Corrected temperature 41°

Air 44 Surface 44 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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2900
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3100
3200
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3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

W.H.P.  
No. 230 of Ry Date Oct. 29, 1910.  
Hand lead machine. Reel.

Turns Cor. 1 Depth 15 fms.

Shot or lead 12 lbs.

Bottom 8.

Bottom temperature

No. of Thermometer — Cor.

Corrected temperature

Air 42 Surface 44 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 350 Date 11/17/1880

Machine. Reel.

Turns — Cor. + — Depth 14

Shot or lead 12 lbs.

Bottom free guy S

Bottom temperature 26

No. of Thermometer — Cor. —

Corrected temperature

Air 44 Surface 46 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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3200
3300
3400
3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2306	Date elev.	12 tbs	Reel.
Turns	Cor. +	Depth	12
Shot or lead	12 tbs		
Bottom	6.6		
Bottom temperature			
No. of Thermometer		Cor.	
Corrected temperature			
Air	44	Surface	46 Drift.
Trawl or dredge or tangles			
SOUNDING WIRE.		DREDGE ROPE.	
DOWN.	UP.	TURNs.	DOWN.
		0	
		100	
		200	
		300	
		400	
		500	
		600	
		700	
		800	
		900	
		1000	
		1100	
		1200	
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

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2800
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3000
3100
3200
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3400
3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 320 of 100 Date Aug 29 1900

Wind. Wave Machine. Reel.

Turns — Cor. + — Depth 16

Shot or lead 12 lbs

Bottom

Bottom temperature 60

No. of Thermometer — Cor.

Corrected temperature

Air 44 Surface 45 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-10-0		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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		1600		
		1700		
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4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
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REMARKS.

No.

Date

Oct. 19<sup>th</sup> 1890

Hand Lead Machine.

Reel.

Turns — Cor. +

Depth 22 fms.

Shot or lead 12 lbs.

Bottom fine sand

Bottom temperature

No. of Thermometer — Cor.

Corrected temperature

Air 44 Surface 45 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-21-0		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
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		2200		
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2800

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4000

## SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
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200				
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400				
500				
600				
700				
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900				
1000				

REMARKS.

No. 2309 Hyd. Date May 29<sup>th</sup>/81  
L. 100' Lead. Machine. = Reel.

Turns — Cor. + — Depth 63

Shot or lead 12 lbs.

Bottom Rky. & rock. Sh.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 44 Surface 44 Drift.

Trawl or dredge or tangles

SOUNDING WIRE. DOWN.   UP.	TURNS:	DREDGE ROPE.	
		DOWN.	UP.
5.02.00	5.02.00	0	
		100	
		200	
		300	
		400	
		500	
		600	
		700	
		800	
		900	
		1000	
		1100	
		1200	
		1300	
		1400	
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#### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
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REMARKS.

No. 2310 Hyd. Date May 29<sup>±</sup> 189

Hand lead Machine. — Reel. 6

Turns — Cor. + — Depth 22 fms.

Shot or lead 12 lbs.

Bottom S. & W. Sh.

Bottom temperature

No. of Thermometer — Cor. —

Corrected temperature —

Air 64 Surface 65 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS:	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5. 40.00	5. 43.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
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900				
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REMARKS.

No. 9311 Lead Date May 29<sup>th</sup> 1891

Hand lead Machine, — Reel.

Turns — Cor. + — Depth 2.

Shot or lead 12 lbs.

Bottom fine. H. S.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 44 Surface 45 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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#### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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200				
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REMARKS.

No. 2312 He'd Date '71Tanner Machine. — Reel.

Turns 16 Cor. + — Depth 16

Shot or lead 28

Bottom Rky. &amp; Sh.

Bottom temperature 41°

No. of Thermometer 63462 Cor. —

Corrected temperature 41°

Air 45 Surface 45 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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100				
200				
300				
400				
500				
600				
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REMARKS.

No. : 313 Hrd. Date May 24

Hand lead Machine. Reel. 1

Turns — Cor. + — Depth 17 fms.

Shot or lead 12 lbs.

Bottom 8 x 11. S.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 44 Surface 55 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.35.00	7.38.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

~~K 60 B~~  
No. 23146 Date

Machine. — Reel.

Turns Cor. + Depth  $15\frac{1}{2}$  fms.

Shot or lead

Bottom G

Bottom temperature

No. of Thermometer — Cor.

Corrected temperature —

Air 47.5 Surface 44.5 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507  
6/15

No. 2315 Day Date May 29<sup>th</sup> 90

Lead Line Machine. Reel.

Turns — Cor. + — Depth 13 fms

Shot or lead 12 lbs.

Bottom R.

Bottom temperature +

No. of Thermometer — Cor. —

Corrected temperature —

Air 45° Surface 45° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.36.30	8.40.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

102  
K.P.

No. 2316 Hy Date May 30/90

Hand Lead Machine. Reel.

Turns — Cor. + — Depth 16

Shot or lead 12 lbs.

Bottom 87 York St.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 41 Surface 42 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
A.W	DOWN.		UP.	DOWN.
4-25-0		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		2100		
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4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
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REMARKS.